

CLAIMS

What is claimed is:

1. A vehicle storage assembly for a vehicle cargo area comprising:
a storage panel; and
a flange portion extending outwardly from an end of said storage panel,
wherein said flange portion is adapted to be mounted to an interior component
of a vehicle such that said storage panel is positionable to a stowed position, and a
deployed position for dividing at least a portion of the vehicle cargo area.
2. The vehicle storage assembly according to Claim 1, wherein said storage
panel is pivotally mounted to said interior component of said vehicle.
3. The vehicle storage assembly according to Claim 1, wherein one of said
flange and said interior component has one of a pin and an opening and the other of
said flange and said interior component has the other of said pin and said opening to
facilitate mounting said storage panel to said interior component.
4. The vehicle storage assembly according to Claim 1, wherein said storage
panel is pivotally mounted such that said storage panel rotatable between said stowed
position in which said storage panel is generally parallel to a load surface of said
vehicle and said deployed position in which said storage panel is generally
perpendicular to said load surface of said vehicle.
5. The vehicle storage assembly according to Claim 1, wherein said storage
panel extends across one of the length and the width of the vehicle cargo area to
divide the vehicle cargo area.
6. The vehicle storage assembly according to Claim 1, wherein said flange
portion includes a first opening and a second opening in communication with one

another, said first opening defining a first pivot point and said second opening defining a second pivot point, said first opening and said second opening each adapted to receive a pin to facilitate pivotable movement of said storage panel between said stowed position and said deployed position.

7. The vehicle storage assembly according to Claim 1, wherein said interior component of said vehicle includes at least one spring loaded pin corresponding to each of said openings within said at least one flange portion.

8. The vehicle storage assembly according to Claim 1, wherein said storage panel is flexible such that said storage panel may be compressed to allow said opening in said flange portion to be positioned around at least one corresponding pin mounted within said vehicle.

9. The vehicle storage assembly according to Claim 1, wherein said flange portion comprises a pair of flanges, each of said pair of flanges on a respective end of said storage panel, and wherein said storage panel may be mounted to said vehicle by said pair of flanges.

10. The vehicle storage assembly according to Claim 1, wherein said storage panel is disposed within a recess within said load surface of said vehicle when said storage panel is in said stowed position.

11. The vehicle storage assembly according to Claim 1, wherein storage panel rests on top of said load surface of said vehicle when said storage panel is in said stowed position.

12. The vehicle storage assembly according to Claim 11, wherein said storage panel is tapered such that an upper surface of said storage panel tapers to meet said load surface when said storage panel is in said stowed position.

13. The vehicle storage assembly according to Claim 1, wherein said storage panel is movable to a shelving position in which said storage panel is generally parallel to a generally horizontal load surface of said vehicle and spaced vertically apart from said load surface.

14. The vehicle storage assembly according to Claim 13, wherein said flange portion includes a three-point pivot shaped opening to facilitate the pivotable movement of said storage panel between said stowed position, said deployed position, and said shelving position.

15. The vehicle storage assembly according to Claim 13, wherein said flange portion includes a first opening and a second opening in communication with one another, and a third opening in communication with said second opening.

16. The vehicle storage assembly according to Claim 15, wherein said first opening and said third opening are spaced apart from one another by said second opening.

17. The vehicle storage assembly according to Claim 13, wherein said first opening defines a first pivot point, said second opening defines a second pivot point, and said third opening defines a third pivot point, said first opening adapted to receive a pin to retain said storage panel in said stowed position, said second opening adapted to receive a pin to retain said storage panel in said deployed position, and said third opening adapted to receive a pin to retain said storage panel in said shelving position.

18. The vehicle storage assembly according to Claim 1, wherein said storage panel includes a handle.

19. The vehicle storage assembly according to Claim 1, wherein said handle includes a pair of opposing generally C-shaped openings in said storage panel.